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I claim:

1. An improved rearview imaging system comprising:

an imaging<sup>107</sup> component for reflecting entities in the anterior direction of said imaging component;

5 mounting means for mounting said rearview imaging system to a flat solid surface; and

<sup>103, 104</sup>  
backing means for coupling said imaging component to said mounting means, wherein said backing means comprises means for securing the position of said imaging component.

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2. An improved rearview imaging system according to claim 1, wherein said imaging component comprises a mirror.

15 3. An improved rearview imaging system according to claim 2, wherein said mirror is flat.

4. An improved rearview imaging system according to claim 2, wherein said mirror is beveled.

20 5. An improved rearview imaging system according to claim 2, wherein said mirror is planar.

6. An improved rearview imaging system according to claim 2, wherein said mirror is convex.

Fig 2A  
7. An improved rearview imaging system according to claim 1, wherein said imaging component is secured in place to said backing means by a roller bead edge.

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8. An improved rearview imaging system according to claim 1, wherein said backing means permits rotation along a multitude of axes.

10 9. An improved rearview imaging system according to claim 1, wherein said backing means permits movement in a multitude of directions.

10. An improved rear view imaging system according to claim 1, wherein said backing means of said imaging component comprises a plurality of bores, <sup>202</sup> wherein one of said bores is used for coupling to said mounting means.

11. An improved rear view imaging system according to claim 1, wherein said mounting means comprises a ball and socket means for coupling said mounting means to said backing means of said imaging component.

10. An improved rearview imaging system according to claim 1, wherein said mounting means comprises a round swivel means for coupling said mounting means to said backing means of said imaging component.

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11. An improved rearview imaging system according to claim 1, wherein said mounting means comprises an extended arm means for coupling said mounting means to said backing means of said imaging component.

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12. An improved rearview imaging system according to claim 1, wherein means for coupling said mounting means to said flat solid surface is reusable.

13. An improved rearview imaging system according to claim 1, wherein said mounting means permits rotation along a multitude of axes.

14. An improved rearview imaging system according to claim 1, wherein said mounting means permits movement in a multitude of directions.

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17 15. An improved rearview imaging method comprising:

reflecting entities in the anterior direction of an imaging component;

5 providing mounting means for mounting said imaging system to a flat solid surface;

providing a backing means secured to said imaging component for coupling to said mounting means, wherein said backing means permits multi-directional rotation and adjustment; and

10 securing placement of said imaging component to said backing means.

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16. An improved rearview imaging method according to claim 15, wherein said imaging component comprises a mirror.

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17. An improved rearview imaging method according to claim 16, wherein said mirror is flat.

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18. An improved rearview imaging method according to claim 16, wherein said mirror is beveled.

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19. An improved rearview imaging method according to claim 16, wherein said mirror is planar.

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20. An improved rearview imaging method according to claim 16, wherein said mirror is convex.

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21. An improved rearview imaging system according to claim 15, wherein said imaging component is secured in place to said backing means by a roller bead edge.

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22. An improved rearview imaging system according to claim 15, wherein said backing means permits rotation along a multitude of axes.

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23. An improved rearview imaging system according to claim 15, wherein said backing means permits movement in a multitude of directions.

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24. An improved rear view imaging system according to claim 15, wherein said backing means of said imaging component comprises a plurality of bores, wherein one of said bores is used for coupling to said mounting means.

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25. An improved rear view imaging system according to claim 15, wherein said mounting means comprises a ball and socket means for coupling said mounting means to said backing means of said imaging component.

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26. An improved rearview imaging system according to claim 15, wherein said mounting means comprises a round swivel means for coupling said mounting means to said backing means of said imaging component.

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27. An improved rearview imaging system according to claim 15, wherein said mounting means comprises an extended arm means for coupling said mounting means to said backing means of said imaging component.

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28. An improved rearview imaging system according to claim 15, wherein means for coupling said mounting means to said flat solid surface is reusable.

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30. An improved rearview imaging system comprising:

an imaging component for reflecting entities in the area in the anterior direction of said imaging component, wherein said imaging component is adjustable;

mounting means for mounting said rearview imaging system to a flat solid surface, wherein said mounting means permits multi-directional rotation and adjustment; and

backing means of said imaging component for coupling said imaging component to said mounting means, wherein said

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backing means comprises means for securing the position of said imaging component, and further wherein said backing means permit multi-directional rotation and adjustment.

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5 31. An improved rearview imaging system according to claim 30, wherein said imaging component comprises a mirror.

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32. An improved rearview imaging system according to claim 31, wherein said mirror is flat.

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33. An improved rearview imaging system according to claim 31, wherein said mirror is beveled.

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15 34. An improved rearview imaging system according to claim 31, wherein said mirror is planar.

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35. An improved rearview imaging system according to claim 31, wherein said mirror is convex.

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20 36. An improved rearview imaging system according to claim 30, wherein said imaging component is secured in place to said backing means by a roller bead edge.

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37. An improved rear view imaging system according to claim 30, wherein said backing means of said imaging component comprises a plurality of bores, wherein one of said bores is used for coupling said imaging component to said mounting means.

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38. An improved rear view imaging system according to claim 30, wherein said mounting means comprises a ball and socket means for coupling said mounting means to said backing means of said imaging component.

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39. An improved rearview imaging system according to claim 30, wherein said mounting means comprises a round swivel means for coupling said mounting means to said backing means of said imaging component.

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40. An improved rearview imaging system according to claim 30, wherein said mounting means comprises an extended arm means for coupling said mounting means to said backing means of said imaging component.

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41. An improved rearview imaging system according to claim 30, wherein means for coupling said mounting means to said flat solid surface is reusable.



ABSTRACT:

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21* The invention disclosed provides an improved rear view imaging system. The invention discloses a system comprising a reflective imaging means and means for mounting to a solid surface, such as a desk or computer monitor. The invention maximizes the possible field of view by providing multi-directional rotation of the imaging and mounting members. Further, multiple means for coupling and mounting are contemplated.

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